

National Board of Examinations

Question Paper Name :	DrNB Paediatric Cardiology Paper1
Subject Name :	DrNB Paediatric Cardiology Paper1
Creation Date :	2022-12-22 22:33:32
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Paediatric Cardiology Paper1

Group Number :	1
Group Id :	3271871497
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Paediatric Cardiology Paper1

Section Id :	3271871500
Section Number :	1
Section type :	Offline

Mandatory or Optional : Mandatory

Number of Questions to be attempted : 10

Section Marks : 100

Enable Mark as Answered Mark for Review and Clear Response : Yes

Maximum Instruction Time : 0

Sub-Section Number : 1

Sub-Section Id : 3271871504

Question Shuffling Allowed : No

Is Section Default? : null

Question Number : 1 Question Id : 32718714162 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Write a short note on Z score and its utility in clinical practice. [5]
- b) Variuos study designs with special emphasis on their strengths and weaknesses. [5]

Question Number : 2 Question Id : 32718714163 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Anatomy of the base of heart. [5]
- b) Fetal circulation. [5]

Question Number : 3 Question Id : 32718714164 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Tissue doppler imaging & its role in differentiating CCP from RCMP. [3+2]
- b) Principle of piezoelectricity. [5]

Question Number : 4 Question Id : 32718714165 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Development of aortic arches and discuss various aortic arch anomalies. [5+5]

Question Number : 5 Question Id : 32718714166 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Hemodynamics of Fontan circulation. [5]
- b) Effect of left-to-right shunt on pulmonary vasculature and its clinical implications. [5]

Question Number : 6 Question Id : 32718714167 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Criteria to diagnose LV hypertrophy on ECG. [5]
- b) Anti-arrhythmic drugs - classification and its clinical implications. [5]

Question Number : 7 Question Id : 32718714168 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Diagnosis and management of fetal arrhythmia. [5+5]

Question Number : 8 Question Id : 32718714169 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) PISA method to assess severity of mitral regurgitation. [5]

b) Newer oral anticoagulants - mechanism and usage. [5]

Question Number : 9 Question Id : 32718714170 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Levosimendan. [5]

b) ARNI in pediatric heart failure. [5]

Question Number : 10 Question Id : 32718714171 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Pulmonary capillary wedge angiography - indication, technique and caution. [5]

b) Gadolinium associated Nephrogenic Systemic Fibrosis. [5]